

Senior Leadership Briefing and Recovery Snapshots

Hurricanes Maria, Irma, and Harvey

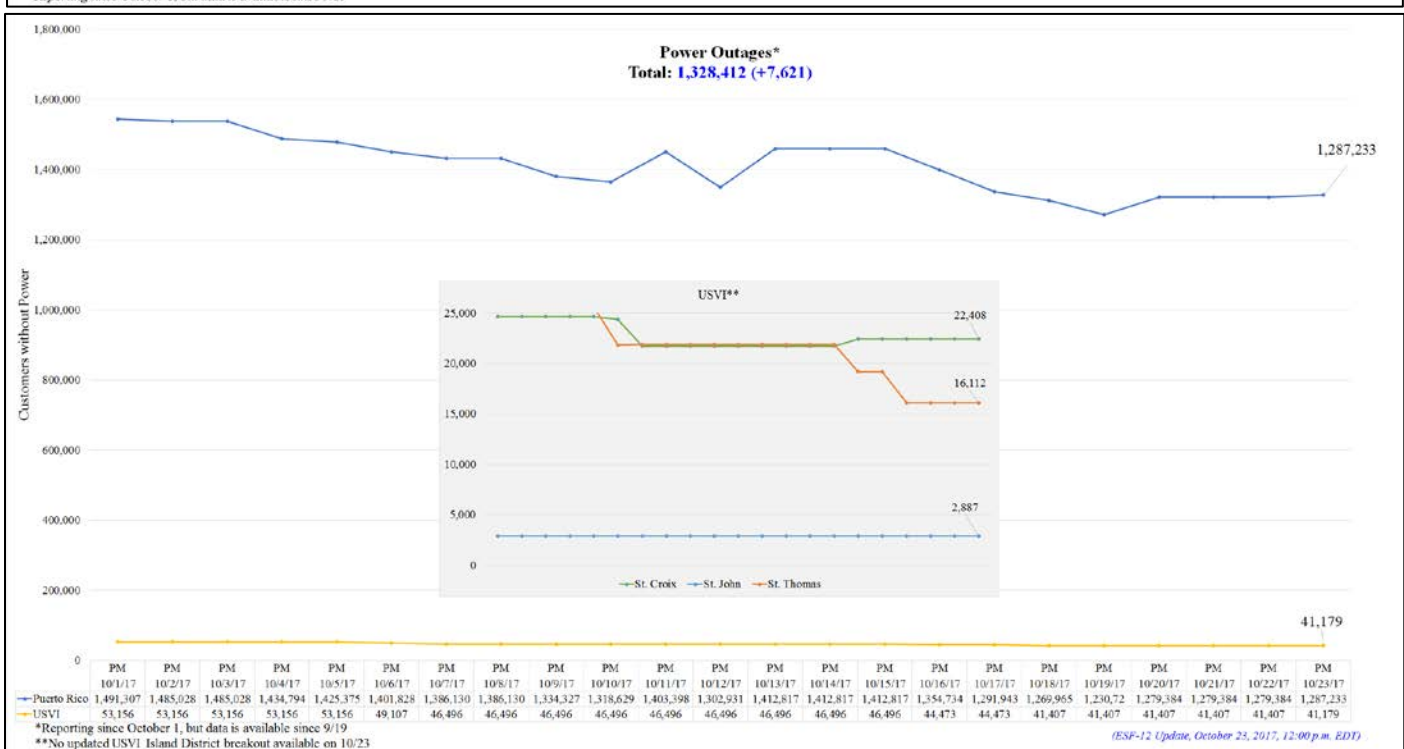
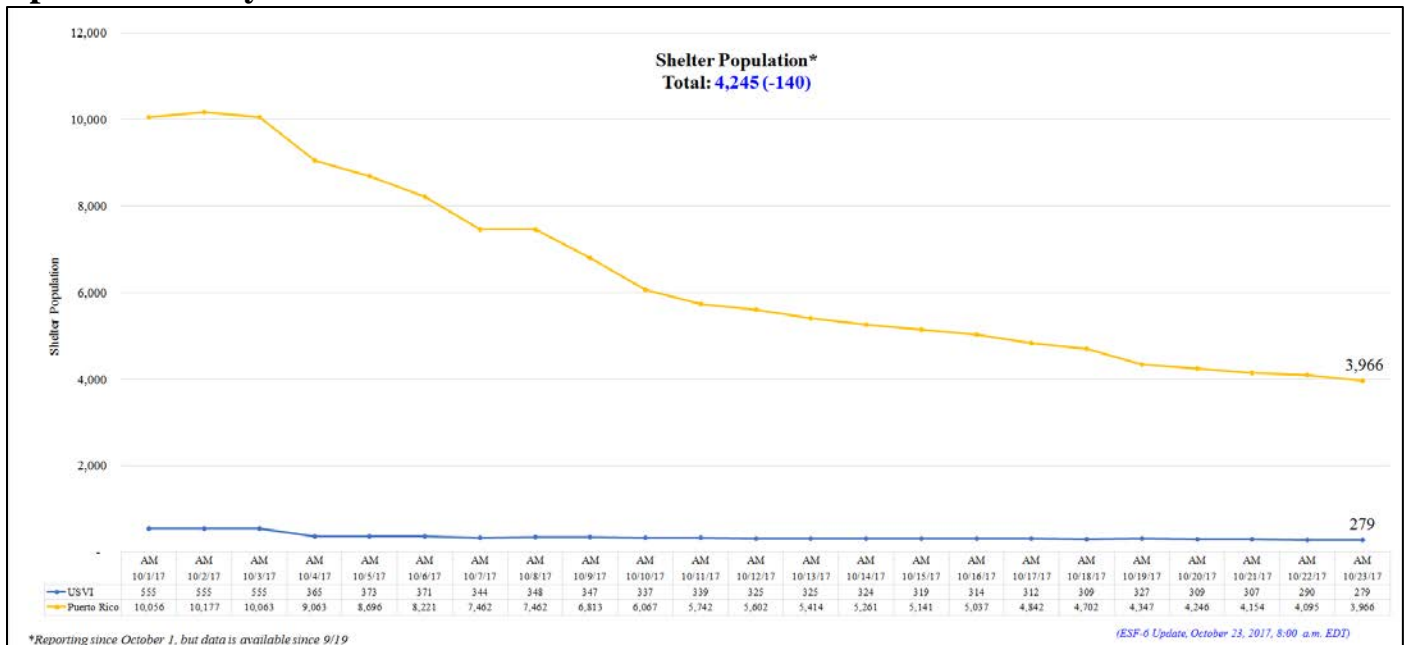
Monday, October 23, 2017 (5:00 p.m. EDT)

Updates in Blue

Current Situation:

Currently, there are no tropical systems that will threaten the region. Partly cloudy skies will prevail with highs in the low 90s and lows in the middle 70s. There is a chance of isolated showers across most of the island complex, with some of these showers providing heavy rain across higher terrain of western and central Puerto Rico. Some of these showers have already prompted need for areal flood and urban/small stream flooding advisories. Flash flood warning continues for the areas around Guajataca Dam through Tuesday morning. (NOAA Update, October 23, 2017, 2:00 p.m. EDT)

Impact Summary:



Hurricane Maria Impact Table:

	Puerto Rico	USVI	Citation
Confirmed Fatalities	48	None associated with Hurricane Maria	(JFO Update, October 23, 2017, 4:00 p.m. EDT)
Shelters/Population	Shelters 88 (-1); Population 3,966 (-129)	Total: Shelters 5; Population 279 (-11)	(ESF-6 Update, October 23, 2017, 8:00 a.m. EDT)
Customer Power Outages	PREPA estimating 95% of PR to be restored by December 15; At least 18% (-3.22%) of customers have had power restored	VIWAPA estimates 90% of USVI to be restored by late December; Percentage of customers with electricity: St. Thomas 29% receiving power from grid; St. Croix 1.6% receiving power from grid; St. John: No grid power	(ESF-12 Update, October 23, 2017, 12:00 p.m. EDT)
Hospitals	65 of 67 open Main island: 63 of 65 open; Vieques and Culebra open 40 hospitals on power grid; 24 on generator power; 1 open without power VA facilities: One hospital and all eight clinics open	St. Croix: Governor Juan Luis Hospital partially open despite damage, Charles Harwood closed St. Thomas: Schneider Medical Center sustained damage; established mobile medical facility VA facilities: Two clinics, both open	(ESF-8 Update, October 23, 2017, 1:02 p.m. EDT)
Schools/ Government Buildings	31 of 68 Federal Government buildings closed (GSA owned/leased)	St. Thomas and St. John: 12 opened out of 16; one scheduled to open October 25 contingent on shelter relocation; three schools condemned St. Croix: seven out of 17 total schools scheduled to open October 23; two schools to open October 30; eight schools condemned 9 of 19 Federal buildings closed (GSA owned/leased)	(USVI Update, October 23, 2017, 4:30 p.m. EDT)
Airports/ Ports	All 10 airports open 100% of the tracked deep-water ports are Open (7) or Open with Restrictions (6) status	St. Thomas and St. Croix open but operating with reduced schedule; Anticipate full operations November 1 100% of the tracked deep-water ports are Open (6) or Open with Restrictions (3) status	(ESF-1 Update, October 23, 2017, 1:02 p.m. EDT)
Roads/ Bridges	169 of 1,749 bridges reported damaged (88% confirmed or inspected), 16 of which are closed; 25 roadways closed in both directions	St. Thomas: 95% of roadways are passable; no full closures on any major roadways St. Croix: Most highways open with caution Traffic signals out on St. Thomas and St. Croix	(ESF-1 Update, October 23, 2017, 1:02 p.m. EDT)
Fuel/Gas	873 of approximately 1,100 retail gas stations operational	St. Croix and St. Thomas report adequate fuel supply on island for power generation and response efforts, including gasoline, diesel, and propane	(DOE Sit Rep #88, October 23, 2017, 12:00 p.m. EDT)
Water	Boil Water Advisory island-wide; 73% (+1%) of PRASA clients have potable water; PRASA covers 96% of PR; 25 of 115 PRASA drinking water treatment plants out of service 10 of 51 PRASA wastewater treatment plants out of service	Boil Water Advisory remains territory-wide	(ESF-10 Update, October 23, 2017, 2:29 p.m. EDT)
Communication	33.9% (+.5%) of cell towers operational; 85% of population lives in area where wireless coverage is available for voice and text messages Main Public Safety Answer Point (PSAP) in PR fully operational; secondary is operational but on generator power (Note: numbers are a snapshot in time and fluctuate due to issues such as power outages)	USVI: 44.6% cell sites operational; PSAPs restored; 88% of population are in areas where wireless coverage is available for voice and text messages St. Thomas: 48.5% cell sites operational (55 towers on island) St. John: 11.1% cell sites operational (9 towers on island) St. Croix: 45.7% cell sites operational (42 towers on island) (Note: numbers are a snapshot in time and fluctuate due to issues such as power outages)	(ESF-3 Update, October 23, 2017, 1:09 p.m. EDT)

Declaration Activity:

Territory	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
PR	9/20: DR-4339	78 municipalities	All (Categories A-B)	100% for debris removal and emergency protective measures for 180 days from declaration date
USVI	9/20: DR-4340	St. Croix, St. John, St. Thomas	All (Categories A-G)	100% for debris removal and emergency protective measures for 180 days from incident period; 90% cost share thereafter

(FEMA Declarations, October 23, 2017, 3:30 p.m. EDT)

FEMA Headquarters:

- National Response Coordination Center (NRCC) at modified Level III (Partial Activation) day shift only, with designated NRCS positions, ESFs, and LNOs (Daily Ops Briefing, October 23, 2017, 8:30 a.m. EDT)
- National Incident Management Assistance Team (IMAT) East-1 at Joint Field Office (JFO) in San Juan Convention Center, PR; **National IMAT East-2 will demobilize and return to home station** (FEMA OPORD 17-2017 Amendment 6, October 23, 2017, 9:58 a.m. EDT)
- Region X IMAT members in St. Thomas and St. Croix; Region II IMAT in St. Croix; Region III IMAT in PR (FEMA FOD Update, October 23, 2017, 2:00 p.m. EDT)
- Mutual Aid

Region	Jurisdiction	# of Request(s)	# of States Supporting
II	PR	129 (0)	34
II	USVI	47	22 (+2)

(EMAC Sit Rep #113, October 23, 2017, 2:00 p.m. EDT)

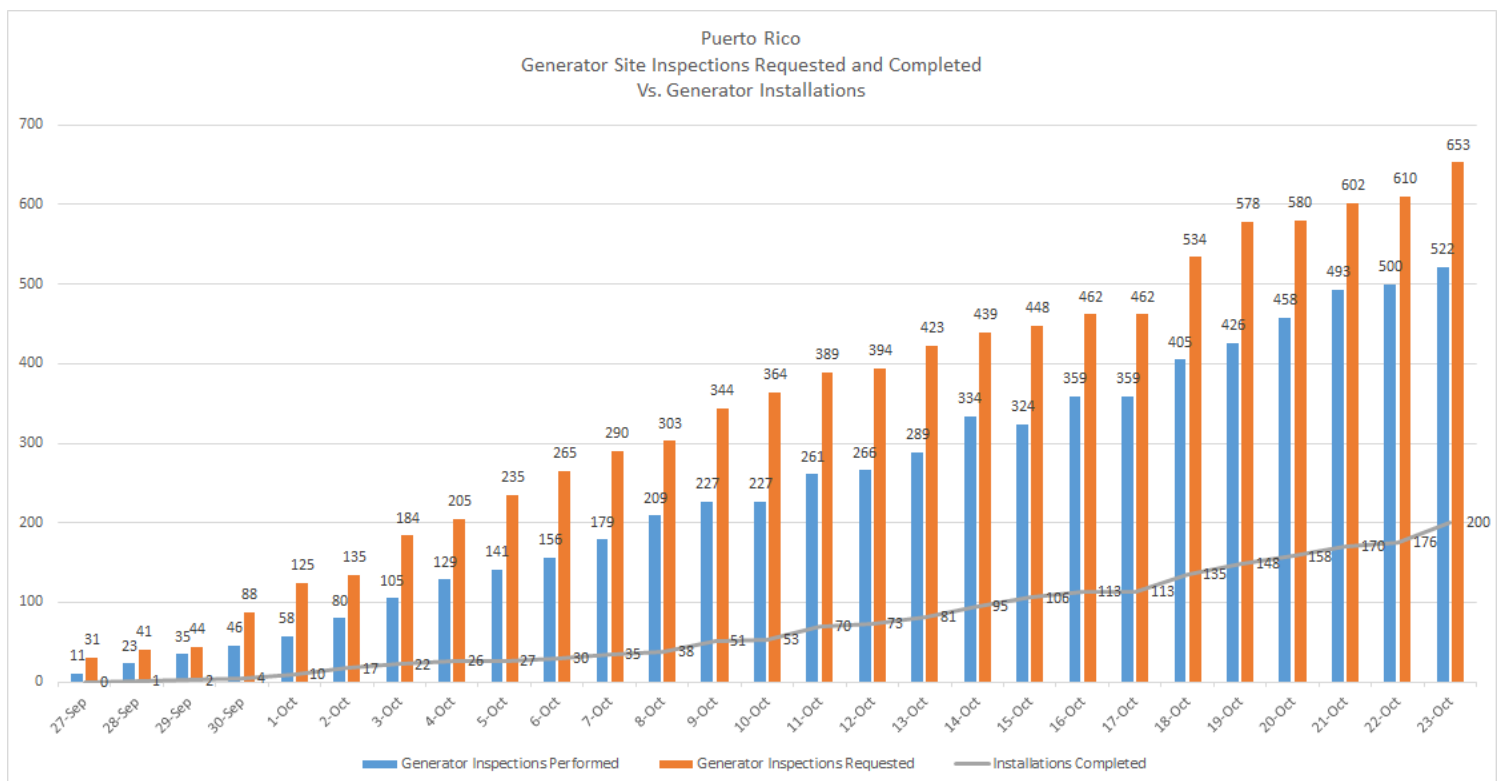
FEMA Region II:

- **Puerto Rico:**
 - Emergency Operations Center (EOC) at Full Activation; operating on generator power
 - JFO operational from San Juan Convention Center; search initiated for new long-term facility
 - Federal Coordinating Officer (FCO) is Michael Byrne
- **U.S. Virgin Islands:**
 - VITEMA EOC at Full Activation
 - St. Croix JFO is in the process of opening, scheduled to fully open October 27; JFO branch office in St. Thomas will open October 30 (USVI Update, October 23, 2017, 4:30 p.m. EDT)
 - FCO is William Vogel (RII DSAR, October 23, 2017, 3:00 p.m. EDT)

Interagency Coordination for Puerto Rico:

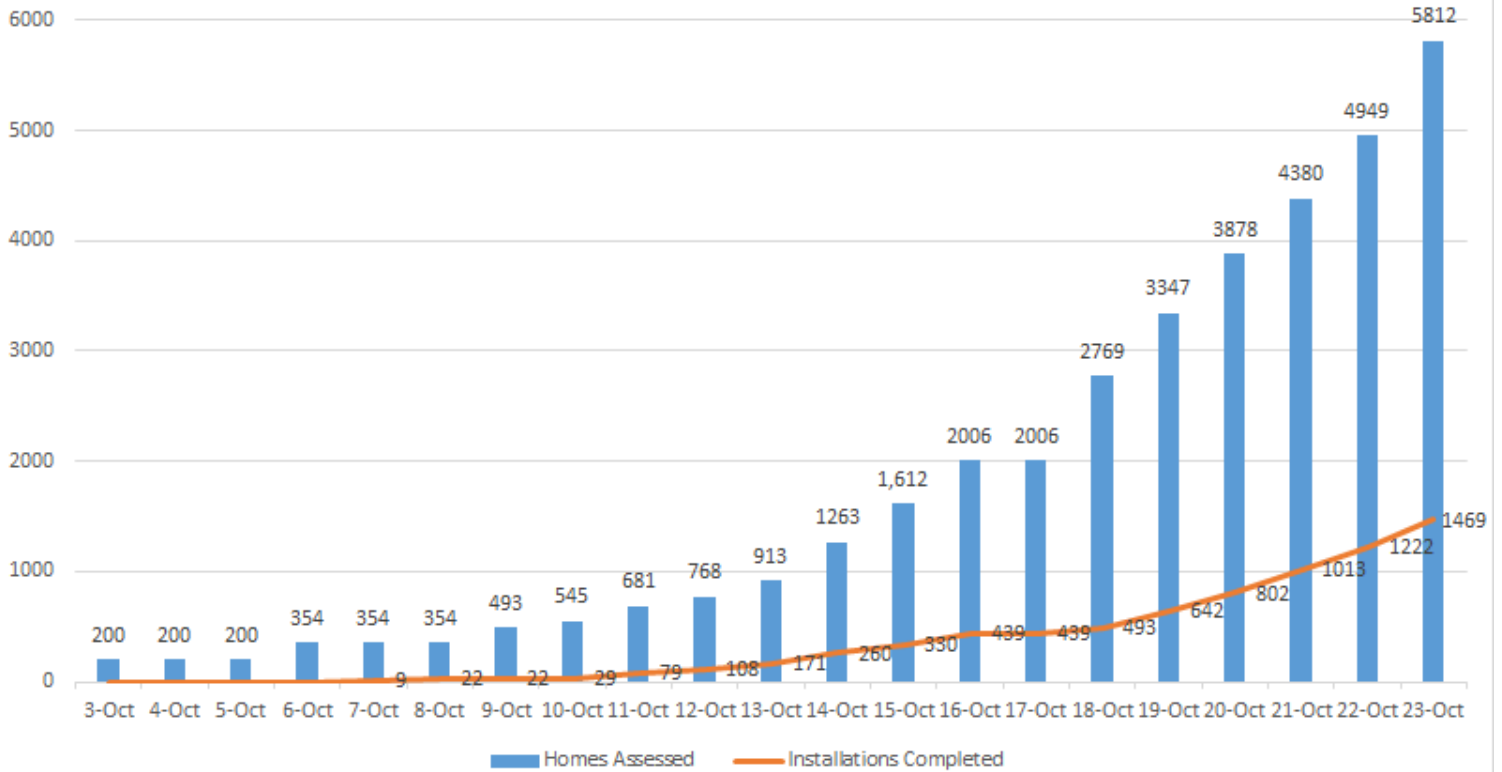
- **ESF-1: Transportation**
 - Roads:
 - 20% of state roads are reported having some safety concerns due to lane blockages
 - Teams conducting assessments of municipal roads; mudslides caused by previously compromised conditions and continued rain are hampering efforts
 - Federal Highway Engineers working with PR DOT evaluated bridges and roadways to determine extent of damage and identify sources for repairs, temporary structures, and/or funding; 20 bridges and 27 roadways have been assessed to date and source of funding for repairs has been identified
 - Public Transportation: **Federal Transit Administration (FTA) staff is working with FTA grantees on the state of critical infrastructure to determine costs to repair or replace the system** (ESF-1 Update, October 23, 2017, 1:02 p.m. EDT)
 - Ports: **Don Jon Marine expected to arrive at the port of Ponce October 24 and will be used to remove navigation channel hazards** (ESF-3 Update, October 23, 2017, 7:57 a.m. EDT)
- **ESF-2: Communications**
 - Baseline infrastructure assessed at 75% offline; 20% of transmission towers will need to be replaced
 - **The 85th Engineering Installation Squadron is providing tower assessments, removal of broken hardware, and installation of new communications equipment for federal and local responders; estimated completion for tower restoration unknown**

- Repairs on Cerra Punta are completed; to include three repeaters, Very High Frequency antennas for law enforcement radios and Ultra High Frequency antennas for the FEMA Logistics network; repairs to two of the three El Yunque towers will be scheduled once repair parts arrive
- A High Frequency Interference was reported; the Federal Communications Commission and the National Telecommunications & Information Administration are on the ground investigating the issue to determine courses of action
- Telecommunications Industry officials estimate it will take three months to get voice services stable and six months to get data and Short Message Service (SMS) systems fully reestablished due to interdependence on commercial power
 - Communications infrastructure engineers are conducting assessments and providing recommendations for re-designs; carriers are developing both short-term and the long-term plans in concert with the engineers and the energy sector (ESF-2 Update, October 23, 2017, 1:03 p.m. EDT)
- **ESF-3: Public Works and Engineering**
 - Temporary Emergency Power:
 - Two generators scheduled to be installed at the Palo Seco Power Plant, the new generators expected to be operational October 25; installation will ensure load balancing and stabilization of electrical power
 - Large install at Centro de Medico Campus expect to be completed and Centro de Medico anticipated to be operational October 23 (ESF-3 Update, October 23, 2017, 8:43 a.m. EDT)
 - Dams: All (17) priority dam inspections complete
 - Guajataca Dam: Two 18 inch pumps at site operating at full capacity; Eight remaining 18 inch pumps to arrive in PR October 25 (ESF-3 Update, October 23, 2017, 9:24 a.m. EDT)
 - Infrastructure Assessments (IA) and Critical Public Facilities:
 - 1,254 priority critical public infrastructure sites identified and 344 (27.4%) have been assessed for structural soundness; 17 (+12) infrastructure teams on the ground (ESF-3 Update, October 23, 2017, 9:24 a.m. EDT)
 - Debris Removal:
 - 25,400 (+3,300) cubic yards (CY) of debris removed of the estimated 6.2M CY (ESF-2 Update, October 23, 2017, 8:45 a.m. EDT)
 - Roofing: Teams established in Mayaguez and Aguadilla; Quality Assurance team and contractor on the ground in Culebra; contractor ramping up operation and anticipates installing 500 roofs per day starting November 1 (ESF-3 Update, October 23, 2017, 9:09 a.m. EDT)



Puerto Rico
Temporary Roofing Assessments
Vs. Temporary Roofs Installed

Planning Assumption: 60K Installations



(ESF-3 Update, October 23, 2017, 10:00 a.m. EDT)

- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services**
 - Air bridge: 300,000 meals delivered October 23 and each day for the next eight days
 - Sea bridge: four containers of infant and toddler kits to be delivered by October 23; awaiting arrival confirmation
 - GSA negotiating warehouse location in Jacksonville, FL: Lease signing expected by October 25, anticipated warehouse occupancy planned for October 27 *(ESF-6 Update, October 23, 2017, 2:00 p.m. EDT)*
 - Planning factor for feeding requirements in PR has been reduced to 1.6M meals per day (-1M) *(ESF-6 Update, October 23, 2017, 2:50 p.m. EDT)*
- **ESF-7: Logistics Management and Resource Support**
 - Commodities:

	Commodities Delivered to Territory on October 21	Commodities Planned to be Delivered on October 22	Cumulative Commodities Distributed to Date*
Fuel (gallons)	144,497	120,000	3,684,431 (+281,511)
Potable Water (gallons)	100,000	100,000	4,233,263 (+100,000)
Bottled Water (liters)	1,125,892	1,155,600	17,200,000 (+1,200,000)
Meals	868,294	951,552	14,200,000 (+900,000)
Tarps	591	N/A	53,168 (+621)

**Dataset starts on September 24, 2017*

(ESF-7 Update, October 23, 2017, 1:00 p.m. EDT)

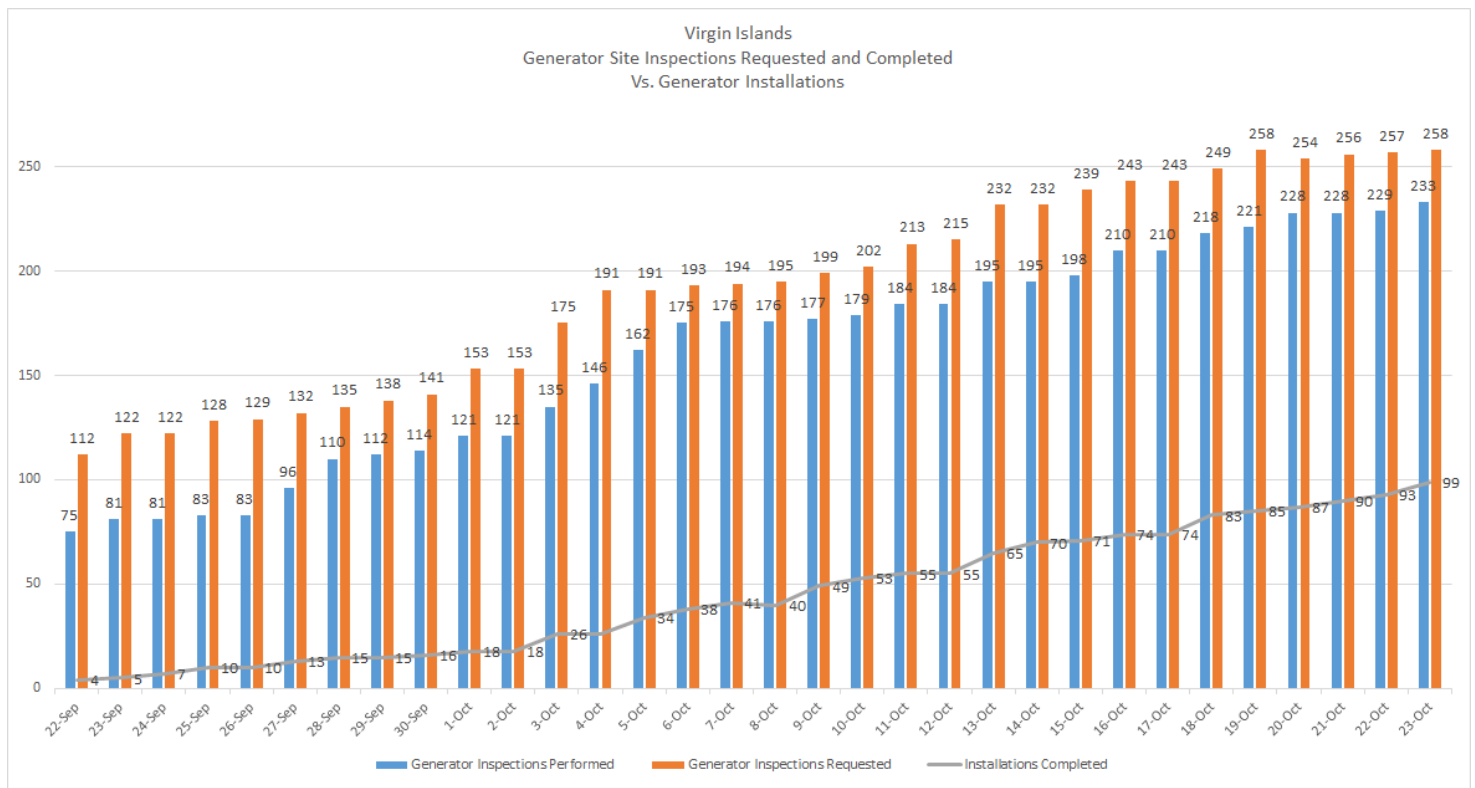
- **ESF-8: Public Health and Medical Services**
 - Federal Medical Station in Bayamon scheduled to be operational October 24
 - 285th and 335th Area Support Medical Companies are operating in Ponce and Aguadilla
 - 633rd Emergency Medical Support System and 25 additional medical personnel are operating in Aguadilla *(DoD Update, October 23, 2017, 1:22 p.m. EDT)*

- Medical Oxygen:
 - Linde began delivering oxygen to health care facilities
 - Praxair plant anticipated to take months before the plant is connected to the power grid (*ESF-8 Update, October 23, 2017, 1:02 p.m. EDT*)
 - USNS Comfort evaluated **six** patients, five admitted, **three** surgical cases, and **no** dental cases **October 22**; USNS Comfort has treated **180** patients to date (*DoD Update, October 23, 2017, 1:22 p.m. EDT*)
- **95%** of pharmacies open; approximately 90% of the pharmacies are participating in the Emergency Prescription Assistance Program (EPAP) (*ESF-8 Update, October 23, 2017, 1:02 p.m. EDT*)
- **ESF-10: Oil and Hazardous Material Response:**
 - **EPA completed field assessments of 241 oil and chemical facilities**
- **ESF-11: Agriculture and Natural Resources:** Nothing significant to report
- **ESF-12: Energy**
 - Power Grid: **18% (-3.22%)** of peak load restored, **decrease is due to Palo Seco and San Juan plants being temporarily offline October 19-20**, **44.87% (+15.37%)** municipalities are partially energized or have energized facilities
 - **Palo Seco and San Juan power plants operational as of October 22** (*ESF-12 Update, October 23, 2017, 12:00 p.m. EDT*)
 - **Two 38kv lines and seven substations energized October 22**, increasing access to local distribution lines
 - **Contract team conducted assessments in western PR October 22**; Two transmission and two distribution contractor crews estimated to arrive **October 23** (*ESF-3 Update, October 23, 2017, 8:50 a.m. EDT*)
- **ESF-13: Public Safety and Security**
 - Federal Protective Service personnel continue to replace federal law enforcement throughout PR, enabling the demobilization of ESF-13
 - **111 Federal law enforcement officers redeployed to CONUS October 23**
 - **Transfer of site security responsibility to Federal Protective Services (FPS) at eight of ten Disaster Medical Assistance Team (DMAT) sites completed**; **remaining two sites scheduled to transition October 23**
 - **64 federal law enforcement officers will remain in a ready reserve capacity in PR until later this week** (*ESF-13 Update, October 23, 2017, 10:13 a.m. EDT*)
- **National Guard Bureau (NGB)**
 - **4,387 (+550) PR National Guard and EMAC personnel operating in PR**, focusing on commodity distribution, debris clearance, and medical missions (*NGB Update, October 23, 2017, 9:20 a.m. EDT*)
- **U.S. Coast Guard (USCG)**
 - Conducted **three** rotary wing flight **October 22**; conducted local water distribution missions in Aguadilla October 22, **delivering four pallets of water and three pallets of food to nursing homes caring for 65 residents**
 - **Port Security Unit has begun preparations to demobilize** (*USCG Update, October 23, 2017, 9:20 a.m. EDT*)
- **U.S. Department of Defense (DoD)**
 - USNS Robert E. Peary expected to arrive on or about October 25 bringing 3rd Expeditionary Sustainment Command, **500** pallets of water, **13** pallets of MREs, and **280** pallets of unitized group ration (heat-and-serve food) (*DOD Update, October 23, 2017, 1:22 p.m. EDT*)
 - DLA is rightsizing personnel and commodities support to meet all requirements:
 - **Cancelled remaining commercial meal production and MRE deliveries**; working on alternative storage sites for the meals already purchased
 - **Executing Mission Assignment for Mass Care Essential Items**
 - **Executing contract to lease 300 additional generators**; **278 of the 300 anticipated to depart Charleston Port October 27**
 - **Acquiring USACE Power Grid Restoration Bill of Materials and delivering to Charleston Port** (*DOD Update, October 23, 2017, 1:22 p.m. EDT*)

Interagency Coordination for U.S. Virgin Islands:

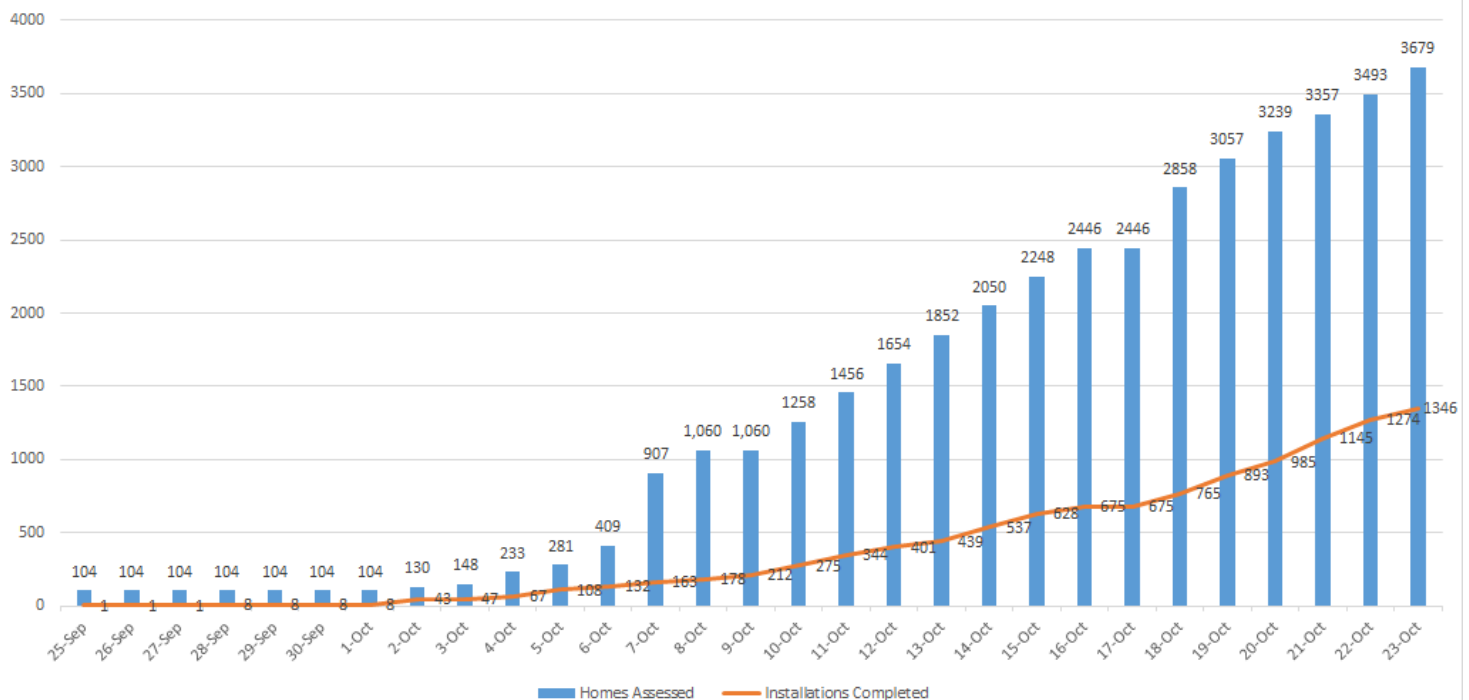
- **ESF-1: Transportation**
 - Airports: **Airport Surveillance Radar installed at St. Thomas airport and running on grid power**
 - Roads/Bridges: Nothing significant to report

- Public Transportation:
 - Bus service has resumed on St. Thomas; FEMA and the Virgin Island Department of Public Works Commissioner continue coordinating to restore bus transit services on St. John
 - [Federal Transit Administration \(FTA\) staff is working with FTA grantees on the state of critical infrastructure to determine costs to repair or replace the system](#) (*ESF-1 Update, October 23, 2017, 1:02 p.m. EDT*)
- Ports: Nothing significant to report
- **ESF-2: Communications**
 - [A temporary cellular tower has arrived in St. John and will be installed on Bordeaux Mountain to restore cellular phone communications to the Coral Bay area of the island; installation estimated to be complete October 27](#) (*ESF-2 Update, October 23, 2017, 1:03 p.m. EDT*)
- **ESF-3: Public Works and Engineering**
 - Infrastructure Assessments and Critical Public Facilities: Infrastructure Assessment Subject Matter Experts (SMEs) completed 147 of [154 \(-2\)](#) structural site assessments (*ESF-3 Update, October 23, 2017, 9:24 a.m. EDT*)
 - Debris Removal:
 - Of estimated 1.1M cubic yards (CY) of debris to remove, [96,622 CY \(+622\)](#) removed to date: St. Croix [88,728 CY](#); St. Thomas [5,835 CY](#); and St. John [3,059 CY](#) (*USVI Incident Storyboard #19, October 23, 2017, 11:00 a.m. EDT*)
 - USVI Governor approved the use of air-curtain incinerators for debris removal; plan to start thermal reduction by November 17
 - USVI anticipating vessel mission assignments upon USVI government's decision on final disposition of the marine debris; removal of approximately 500 vessels to begin November 6 (*ESF-3 Update, October 23, 2017, 9:53 a.m. EDT*)
 - Roofing:
 - Contract signed for the blue roof mission in St. Croix, which will increase roof installation capacity to meet weekly production of 200 roofs per day; work estimated to begin October 24
 - [Additional contract award to on-island contractor approved; execution expected to begin October 25](#)
 - [Last day to apply for temporary roofing is November 3](#) (*ESF-3 Update, October 23, 2017, 9:09 a.m. EDT*)



Virgin Islands
Temporary Roofing Assessments
Vs. Temporary Roofs Installed

Planning Assumption: 13K Installations



(ESF-3 Update, October 23, 2017, 10:00 a.m. EDT)

- **ESF-6: Mass Care, Emergency Assistance, Housing, and Human Services:** Nothing significant to report
- **ESF-8: Public Health and Medical Services**
 - 602nd Area Support Medical Company (ASMC) is right-sizing its personnel and equipment on ST. Thomas
 - St. Croix Emergency Medical Services requires additional support
 - 575th ASMC providing nine healthcare specialists as a stopgap (DoD Update, October 23, 2017, 1:22 p.m. EDT)
 - Emergency Management Assistance Compact in place with Arkansas for mutual aid; anticipated arrival of 12 medical personnel on October 26 (ESF-8 Update, October 23, 2017, 4:00 p.m. EDT)
- **ESF-10: Oil and Hazardous Material Response**
 - EPA completed field assessments of 67 oil and chemical facilities
 - Transport and disposal of the medical waste on St. Croix and St. Thomas expected to begin October 23 (ESF-10 Update, October 23, 2017, 2:29 p.m. EDT)
- **ESF-11: Agriculture and Natural Resources:** Nothing significant to report
- **ESF-12: Energy**
 - St. Thomas East End Substation expected to be reenergized by October 28, which is necessary to reenergize the undersea transmission cables to St. John, enabling VIWAPA to restore service to Cruz Bay in St. John. No issues were discovered upon inspection of undersea cables (ESF-3 Update, October 23, 2017, 4:00 p.m. EDT)
- **ESF-13: Public Safety and Security:** Nothing significant to report
- **National Guard Bureau (NGB)**
 - 1,128 (-11) USVI and EMAC personnel operating in USVI, focusing on power generation, medical capability, and wellness checks; Task Force Pike is supporting USVI police department security efforts and presence patrols
 - Assessments are ongoing to evaluate whether four Joint Incident Site Communication Capability are still required or if they can be released to PR
 - Rightsizing of out-of-state NG forces will occur through October 29 (NGB Update, October 23, 2017, 9:20 a.m. EDT)
- **U.S. Coast Guard (USCG):** Nothing significant to report
- **U.S. Department of Defense (DoD):** Nothing significant to report

Hurricanes Irma and Maria – FEMA Responder Laydown (As of October 23, 2017 2:00PM EDT)

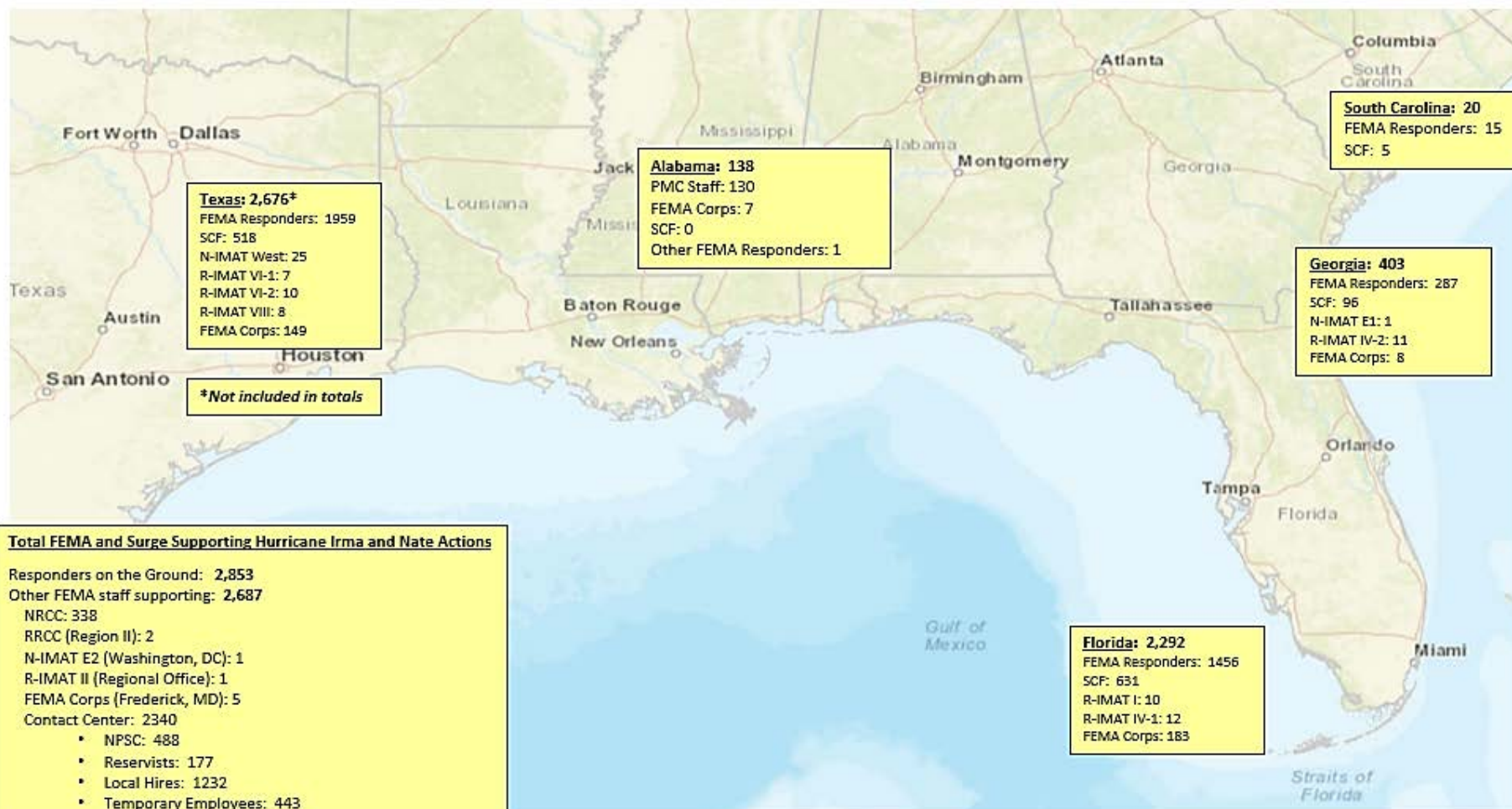
Puerto Rico: 1688
Other FEMA Responders: 999
N-IMAT E1: 23
N-IMAT E2: 17
R-IMAT I: 1
R-IMAT III: 10
SCF: 612
FEMA Corps: 36

U.S. Virgin Islands: 479
R-IMAT II: 9
R-IMAT X: 9
Other FEMA Responders: 324
SCF: 131
FEMA Corp: 6

**Total FEMA Supporting Hurricane Irma and Maria Actions
on Puerto Rico and the US Virgin Islands**

Responders on the Ground: **2,167**

Hurricanes Irma and Nate – FEMA Responder Laydown (As of October 23, 2017 02:00PM EDT)



Recovery Snapshot
Hurricane Maria
Monday, October 23, 2017 (5:00 p.m. EDT)
Updates in Blue

FEMA Headquarters:

- **Recovery**
 - Strategic Workforce Augmentation Team (SWAT) taking calls at three National Processing Service Centers, FEMA pop-up call centers, Headquarters, all FEMA Regions, and from home; 6,449 call center agents available to receive calls (*Recovery Contact Center Surge Staffing Timeline, October 23, 2017, 1:50 p.m. EDT*)
 - A total of six Disaster Recovery Centers (DRC) are open in St. Croix (3) and St. Thomas (3) to provide information and help for survivors of hurricanes Irma and Maria (*USVI Daily Fact Sheet, October 23, 2017, 9:00 a.m. EDT*)

Declaration Activity:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region II				
Puerto Rico	9/20: DR-4339	All municipalities	All municipalities	100% for 180 days (Cat A&B)
U.S. Virgin Islands	9/20: DR-4340	All islands in Territory	All islands in Territory	100% for 180 days 90% thereafter (Cat A-G)

Interagency Coordination/Recovery:

• **Public Assistance**

Public Assistance* (<i>as of 10/18/2017, 9:42 a.m. EDT</i>)	
State	Total Public Assistance Approved
Puerto Rico	\$336.2M
U.S. Virgin Islands	\$13.0M

*No updates received from Public Assistance since 10/18/2017

• **Recovery Support Function (RSF): Housing Recovery**

Individual Assistance (<i>as of 10/23/2017, 11:30 a.m. EDT</i>)				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Puerto Rico	871,035	\$120,399,899	\$17,115,101	\$103,284,798
U.S. Virgin Islands	15,982	\$1,816,018	\$383,349	\$1,432,669

Housing Inspections (<i>as of 10/23/2017, 11:30 a.m. EDT</i>)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Puerto Rico	339	444,325	10,301	2.3%
U.S. Virgin Islands	43	11,338	1,487	13.1%

- U.S. Department of Housing and Urban Development (HUD)

U.S. Department of Housing and Urban Development (HUD) (<i>as of 10/21/2017, 1:22 p.m. EDT</i>)				
Puerto Rico	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	203		139	Unknown
Public and Indian Housing	294		Unknown	Unknown
Healthcare and Hospitals	3	0	0	0
Total	500	0	139	0

U.S. Department of Housing and Urban Development (HUD) *(as of 10/21/2017, 1:22 p.m. EDT)*

U.S. Virgin Islands	Number of Properties in Impacted Area	Displaced (# of Beds for Healthcare - Hospital)	Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	17		119	Unknown
Public and Indian Housing	13		106	0
Healthcare and Hospitals	0	0		
Total	30	0	225	Unknown

- **RSF: Economic Recovery**

- Puerto Rico Department of Agriculture preliminary agricultural loss estimates:
 - Production Loss: \$ 245,391,173 (29% of total Agricultural Income)
 - Infrastructure Loss: \$ 1,825,483,660 (49% of total Agricultural Infrastructure)
 - **Total Loss: \$ 2,070,874,833**

Recovery Snapshot
Hurricane Irma
Monday, October 23, 2017 (5:00 p.m. EDT)
Updates in Blue

FEMA Headquarters:

- **Recovery**
 - FEMA authorized an increase of the rental assistance rate and Direct Lease monthly cost cap to 200% Fair Market Rate (FMR) for Collier and Lee Counties in FL (DR-4337) on October 21 *(Recovery Memorandum, October 21, 2017, 6:34 p.m. EDT)*

Declaration Activity:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region II				
Puerto Rico	9/10: DR-4336	7 municipalities	30 municipalities	75%
U.S. Virgin Islands	9/7: DR-4335	St. John and St. Thomas	All (Categories A-G)	100% (Cat A-B) for 180 days, 90% thereafter; 75% (Cat C-G)
Region IV				
Seminole Tribe of Florida	9/27: DR-4341	Seminole Tribe of Florida and associated lands	Seminole Tribe of Florida and associated lands	100% (Cat B) for 30 days
Georgia	9/15: DR-4338	7 counties	All 159 counties (Cat A-B) 135 counties (Cat C-G)	75%
Alabama	9/11: EM-3389	-	All 67 counties and the Poarch Creek Indian Tribe (Cat B)	75%
Florida	9/10: DR-4337	48 counties	67 counties (Cat A-B) 55 counties (Cat C-G)	75% (Cat A, C-G) 90% (Cat B) for 30 day from start of incident
South Carolina	10/16: DR-4346	-	All 46 counties and Catawba Indian Nation (Cat B) 16 counties (Cat A-G)	75%

(FL JFO Update, October 23, 2017, 4:54 p.m. EDT)

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Florida DR-4337	<ol style="list-style-type: none"> 1. Direct Housing/STEP 2. Sheltering/TSA 3. DRC Resource/Re-Allocation 4. Public Assistance Expedited State Priorities 5. Debris Removal 6. Interagency Recovery Coordination 7. Leveling and Synchronizing Staffing 8. Puerto Rico Evacuees 	<ul style="list-style-type: none"> • No input for 10/23/2017
Georgia DR-4338	<ol style="list-style-type: none"> 1. Deliver Individual Assistance Program 2. Open Disaster Assistance Centers 3. Deliver Public Assistance 4. Public Information 	<ul style="list-style-type: none"> • Not yet reported

(FEMA-3385-EM-4337-DR-FL Executive Summary, October 23, 2017, 2:00 p.m. EDT and GA-4338 COP, October 23, 2017, 11:31 a.m. EDT)

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
Georgia <i>DR-4338</i>	IA PDAs: 13 counties completed	PA PDAs: 48 counties completed
Florida <i>DR-4337</i>	Not yet reported	All requested PDAs completed for Cat C-G as of October 4
South Carolina <i>DR-4346</i>	Not yet reported	21 counties requested, 20 counties completed on 9/28, 1 county withdrawn on 10/12

(FEMA-3385-EM-4337-DR-FL Executive Summary, October 23, 2017, 2:00 p.m. EDT and GA-4338 COP, October 23, 2017, 11:31 a.m. EDT)

Interagency Coordination/Recovery:

- Public Assistance**

Public Assistance* (Recovery Update, 10/18/2017, 9:42 a.m. EDT)	
State	Total Public Assistance Approved
U.S. Virgin Islands	\$25M

*No updates received from Public Assistance since 10/18/2017

- Recovery Support Function (RSF): Housing Recovery**

Individual Assistance (as of 10/23/2017, 11:30 a.m. EDT)				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Georgia	47,986	\$10,975,975	\$7,904,128	\$3,071,847
Florida	2,556,050	\$819,905,063	\$558,492,710	\$261,412,353
Puerto Rico	13,934	\$1,485,925	\$806,838	\$679,088
Seminole Tribe of Florida	Not yet reported	Not yet reported	Not yet reported	Not yet reported
U.S. Virgin Islands	12,301	\$3,355,831	\$1,628,619	\$1,727,212

Housing Inspections (as of 10/23/2017, 11:30 a.m. EDT)				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Georgia	48	10,936	8,306	75.9%
Florida	4,136	720,690	450,252	62.5%
Puerto Rico	11	2,319	1,538	66.3%
U.S. Virgin Islands	40	8,586	2,219	25.8%

(Irma) National Flood Insurance Program Claims Estimate (as of 10/23/2017, 12:50 p.m. EDT)		
State	Claims Submitted	Claims Paid to Insured Survivors
Florida	Over 25,800	Over \$141,000,000
Georgia	Over 1,900	Over \$10,000,000
South Carolina	Over 2,200	Over \$7,000,000
U.S. Virgin Islands	71	Not yet reported
Puerto Rico	5	Not yet reported
Alabama	2	Not yet reported

- Temporary Housing**

Transitional Sheltering Assistance (as of 10/23/2017, 7:34 a.m. EDT)		
State	Households Checked In to Hotel	Eligible
Florida	8,064	387,582

- Small Business Administration (SBA) Home Loans**

SBA Home Loans (as of 10/20/2017, 9:19 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	54,265	60%	3,270	\$ 115,626,400	\$35,360

- **U.S. Department of Housing and Urban Development (HUD)**

U.S. Department of Housing and Urban Development (HUD) (as of 10/21/2017, 1:22 p.m. EDT)				
Hurricane Irma – Florida	Number of Properties in Impacted Area	Currently Displaced (# of Beds for Healthcare - Hospital)	Currently Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	910		625	0
Public and Indian Housing	209		238	237
Housing Choice Vouchers	N/A		20	8
Healthcare and Hospitals	182	134		1,763
Total	1,301	134	883	2,008

U.S. Department of Housing and Urban Development (HUD) (as of 10/21/2017, 1:22 p.m. EDT)				
Hurricane Irma – Georgia	Number of Properties in Impacted Area	Currently Displaced (# of Beds for Healthcare - Hospital)	Currently Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	62		150	0
Public and Indian Housing	20		0	0
Housing Choice Vouchers	N/A		0	0
Healthcare and Hospitals	2	0	0	119
Total	84	0	150	Unknown

- **RSF: Economic Recovery**

- SBA Business Loans

SBA Business Loans (as of 10/20/2017, 9:19 a.m. EDT)					
Hurricane	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Irma	6,550	42%	292	\$19,249,700	\$65,924

- USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
683,851	574,812	650,264	\$493,380,855	8,406	2,048,719	4,262,456	\$460,981,765	\$954,362,620

(Recovery Update, October 21, 2017, 1:22 p.m. EDT)

Recovery Snapshot
Hurricane Harvey
Monday, October 23, 2017 (5:00 p.m. EDT)
Updates in Blue

Declaration Activity:

State/Region	Declaration	Declared Counties		
		Individual Assistance	Public Assistance	Cost Share
Region VI				
Texas	8/25: DR-4332	39 counties	41 counties (categories declared vary by county)	90% (Cat A-G)
Louisiana	10/16: DR-4342	-	10 parishes (Cat A-G) 12 parishes (Cat B)	90% (Cat A-G) 75% (Cat B)

Recovery Priorities, Issues, and Challenges:

State	Recovery Priorities	Issues/Challenges
Texas DR-4332	<ul style="list-style-type: none"> • Safety across affected areas to reduce accidents, injuries, and illnesses, resulting in safer environments for survivors and recovery staff. • Delivery of mass care services in order to accelerate recovery for the whole community. • Accessible housing solutions that effectively support the needs of the whole community and contribute to its sustainability and resilience. • Assessment of damages and impacts and across integrated efforts to 'Rebuild Texas' assist communities in re-establishing vital services and restoring community functions. • Mitigation education & outreach, data collection & analysis, and administration of the National Flood Insurance Program (NFIP). • Survivor access to all recovery and re-building options by providing accurate, accessible, and actionable information • Timely and effective recovery, maximizing federal inter-agency support for state and local recovery priorities 	Not yet reported

(Joint State and Federal Management Plan DR-4332-TX, October 20, 2017, 7:00 a.m. EDT)

Damage Assessments:

State	Preliminary Damage Assessments (PDAs), including Categories C-G	
	IA PDA	PA PDA
Texas	Not yet reported	All requested PDAs are now complete <i>(as of 10/20/2017)</i>

Interagency Coordination/Recovery:

• **Public Assistance**

Public Assistance* <i>(as of 10/18/2017, 9:43 a.m. EDT)</i>	
State	Total Public Assistance Approved
Texas	\$400.3M

*No updates received from Public Assistance since 10/18/2017

• **RSF: Housing Recovery**

Individual Assistance <i>(as of 10/23/2017, 11:02 a.m. EDT)</i>				
State	Total Registrations	Total Individuals and Households Program Approved	Housing Assistance Approved	Other Needs Assistance Approved
Texas	879,971	\$1,277,328,472	\$997,026,692	\$280,301,780

Housing Inspections <i>(as of 10/23/2017, 11:02 a.m. EDT)</i>				
State	Inspectors with Work	Inspections Issued	Inspections Complete	% Complete
Texas	1,248	550,090	507,493	92.3%

National Flood Insurance Program Claims Estimate (as of 10/23/2017, 12:50 p.m. EDT)		
State	Claims Submitted	Claims Paid to Insured Survivors
Texas	Over 89,000	Over \$2.5 billion
Louisiana	Over 500	Over \$5 million

- Temporary Housing

Transitional Sheltering Assistance (as of 10/23/2017, 7:34 a.m. EDT)		
State	Households Checked In to Hotel	Eligible
Texas	22,164	295,212

- Small Business Administration (SBA) Home Loans

SBA Home Loans (as of 10/20/2017, 9:19 a.m. EDT)					
Loan \$ Approved	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	74,026	71%	15,071	\$1,268,732,300	\$84,184

- U.S. Department of Housing and Urban Development (HUD)

U.S. Department of Housing and Urban Development (HUD) (as of 10/21/2017, 1:22 p.m. EDT)				
Hurricane Harvey – Texas	Number of Properties in Impacted Area	Currently Displaced (# of Beds for Healthcare - Hospital)	Currently Displaced (# of Household for Public & Indian Housing - Multifamily Housing)	Returned or Permanently Housed (# of Households/Beds)
Multifamily Housing	454		4,924	Unknown
Public and Indian Housing	98		578	233
Housing Choice Vouchers	N/A		1,468	342
Healthcare and Hospitals	40	0		1,140
Total	592	0	6,970	Unknown

- **RSF: Economic Recovery**

- SBA Business Loans

SBA Business Loans (as of 10/20/2017, 9:19 a.m. EDT)					
State	Applications Received	% Processed	Applications Approved	Loan \$ Approved	Average Loan Amount
Texas	7,124	64%	1,107	\$109,670,400	\$99,070

- USDA Disaster Supplemental Nutrition Assistance Program (D-SNAP) (as of 10/17/2017, 11:02 a.m. EDT)

New Apps Taken	New Approved			Households Denied	Supplements Approved			Total New + Ongoing Benefits
	Households	Persons	Total Benefits		Households	Persons	Total Benefits	
479,347	458,541	1,487,418	\$484,560,310	29,947	32	85	8,226	\$484,568,536